CLC5000

SERVICE MANUAL

REVISION 0

Canon

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Application

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Caution

Use of this manual should be strictly supervised to avoid disclosure of confidential information.

1 Symbols Used

This documentation uses the following symbols to indicate special information:

Symbol	Description
	Indicates an item of a non-specific nature, possibly classified as Note, Caution, or Warning.
	Indicates an item requiring care to avoid electric shocks.
	Indicates an item requiring care to avoid combustion (fire).
	Indicates an item prohibiting disassembly to avoid electric shocks or problems.
	Indicates an item requiring disconnection of the power plug from the electric outlet.
Memo	Indicates an item intended to provide notes assisting the understanding of the topic in question.
REF.	Indicates an item of reference assisting the understanding of the topic in question.
	Provides a description of a service mode.
	Provides a description of the nature of an error indication.
	Refers to the Copier Basics Series for a better understanding of the contents.

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2 Outline of the Manual

This Service Manual contains basic facts and figures needed to service the machine, Paper Deck-J1/K1, Buffer Pass Unit-B1, conducted to ensure a high level of performance and expected functions.

The following accessories come with separate service manuals or service informations; refer to them for details:

1. RDF-E3
2. Stapler Sorter-F2
3. Film Projector-E1
4. Editor-F1
5. ED Board-C1
6. Interface Board-E1
7. Preview Monitor Board
   * Refer to CLC1000 series service manual.

This Service Manual is organized as follows;

<Main body & Accessory>

Chapter 1	General Description:	Features, specifications, how to operate
Chapter 2	New Functions:	Principle operations of each unit; timing of operations; how to disassemble and assemble (special information from CLC1000 series only) If necessary, refer CLC1000 series service manual.
Chapter 3	Installation:	Requirements on the site of installation, installation procedure
Chapter 4	Maintenance And Inspection:	Periodically replaced parts table, consumables and durables table, scheduled servicing chart, scheduled servicing table
Chapter 5	Troubleshooting:	Basic procedure for image adjustment, standards/adjustments, troubleshooting image faults, troubleshooting malfunctions
Appendix:		General timing chart, general circuit diagrams
<Service Mode>		
<Error Codes>		

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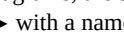
The descriptions in this Service Manual are based on he following rules:

1. In each chapter, the uses of the function in question and its relationship to electrical and mechanical systems are discussed and the timing of operation of its associated parts is explained by means of outlines and diagrams.
   In the diagrams, the symbol represents a mechanical path, while the symbol  with a name next to it indicates the flow of an electric signal.
   The expression “turn on the power” means turning on the power switch, closing the front cover, and closing the delivery cover so that the machine will be supplied with power.
2. In circuit diagrams (digital), a signal whose level is High is expressed as being ‘1’, while a single whose level is Low is expressed as being ‘0’; the level of voltage, however, varies from circuit to circuit.
   The machine uses CPUs, whose internal mechanisms cannot be checked in the field, and, therefore, are not explained. In addition, the machine’s PCBs are not intended for repairs at the user’s and, therefore, are explained by means of block diagrams: two types are used, i.e., between sensors and inputs of PCBs equipped with a control or drive function and between outputs equipped with a control or drive function and loads; in addition, functional block diagrams are used at times.

Changes made to the machine for product improvement are communicated in the form of a Service Information bulletin as needed. All service persons are expected to go through all service documentation including the bulletins and be equipped to respond to the needs of the field (as by being able to identify possible causes of problems).

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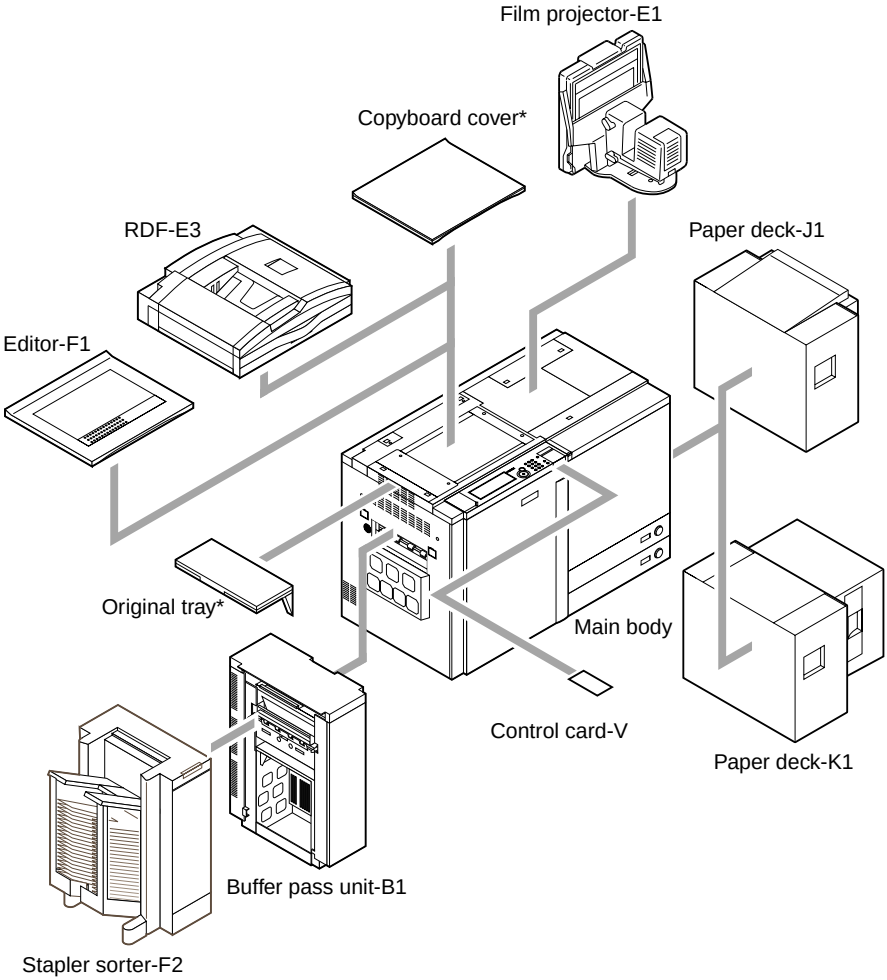
System Configuration

CLC5000 may be configured as follows:

*Standard



Accessary boards as follows:

- ED board-C1
- Interface board-E1
- Preview monitor board

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Main Body & Accessory
SERVICE MANUAL

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